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Examiner Stephen M. Hepperle 3753		Application No.	Applicant(s)	
- The MAILING DATE of this communication appears on the cover sheet with the correspondence address- All claims being allowable. PROSECUTION ON THE MERTS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a blotice of Allowance (PTOL-95) or other appropriate communication will be maint in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR. 1313 and MPEP 1308. 1. ☑ This communication is responsive to the emendment of 27 April 2005. 2. ☑ The allowed claim(s) is/are 1,3-15.17-21.23 and 24. 3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☐ All b) ☐ Some c) ☐ None of the: 1. ☐ Certified copies of the priority documents have been received. 2. ☐ Certified copies of the priority documents have been received in Application No 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)). * Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PCTO-152) which gives reason(s) why the oath or declaration is deficient. (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached 1) ☐ hereto or 2) ☐ to Paper No./Mail Date (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date (c) ☐ Interview Summary (PTO-413), Paper No./Mail Date Paper No./Mail Date Paper N	National Allerta		DULAC, LAWRENCE M.	
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Application/Control Number: 10/811,108

Art Unit: 3753

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Paul Kroon on 25 May 2006.

The application has been amended as follows:

In the specification, page 18, line 4, after "fully", --open—has been inserted.

In claim 15, line 2, "wherein said plunger includes a notch region and a guide region" has been cancelled;

Claims 16 and 22 have been cancelled

In claim 17, line 1, the dependency has been changed from"16" to -15--, in line 2, "a cap" has been changed to -said cap--, and in line 3, "a base and" has been changed to -said base and said--;

In claim 21, lines 1-2, "wherein said plunger includes a notch region and a guide region" has been cancelled; and

In claim 23, line 1, the dependency has been changed from"22" to -21--, in line 2, "a cap" has been changed to -said cap--, and in line 3, "a base and" has been changed to -said base and said--.

The above amendments correct antecedent basis problems introduced by the amendment of 27 April 2006.

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The substitute drawings submitted 27 April 2006 are acceptable.

The following is an examiner's statement of reasons for allowance: the prior art fails to show a valve controller having a body with a cavity having an indentation for a ball, a plunger shaped and biased as recited, and a cap as claimed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

STEPHEN M. HEPPERLE PRIMARY EXAMINER ART UNIT 347